ENTERED 1600

RAW SEQUENCE LISTING DATE: 03/13/2002 P.5
PATENT APPLICATION: US/09/726,219 TIME: 14:58:16

Input Set : A:\50020075_1.RTF
Output Set: N:\CRF3\03132002\I726219.raw

```
 3 <110> APPLICANT: Cambridge Antibody Technology
 4        Cambridge Antibody Technology Limited
 5        Medical Research Council
 6        McCafferty, John
 7        Pope, Anthony
 8        Johnson, Kevin
 9        Hoogenboom, Hendricus
10        Griffiths, Andrew
11        Jackson, Ronald
12        Holliger, Kasper
13        Marks, James
14        Clackson, Timothy
15        Chiswell, David
16        Winter, Gregory
17        Bonert, Timothy
19 <120> TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
21 <130> FILE REFERENCE: 13839-00013
23 <140> CURRENT APPLICATION NUMBER: US 09/726,219
24 <141> CURRENT FILING DATE: 2000-11-28
26 <150> PRIOR APPLICATION NUMBER: GB 9015198.6
27 <151> PRIOR FILING DATE: 1990-07-10
29 <150> PRIOR APPLICATION NUMBER: GB 9022845.3
30 <151> PRIOR FILING DATE: 1990-10-19
32 <150> PRIOR APPLICATION NO: GB 9022845.3
33 <151> PRIOR FILING DATE: 1990-10-19
35 <150> PRIOR APPLICATION NUMBER: GB 9024503.6
36 <151> PRIOR FILING DATE: 1990-11-12
38 <150> PRIOR APPLICATION NUMBER: GB 9104744.9
39 <151> PRIOR FILING DATE: 1991-03-06
41 <150> PRIOR APPLICATION NUMBER: GB 9110549.4
42 <151> PRIOR FILING DATE: 1991-05-15
44 <150> PRIOR APPLICATION NUMBER: PCT/GB91/01134
45 <151> PRIOR FILING DATE: 1991-07-10
47 <150> PRIOR APPLICATION NUMBER: US 07/971,857
48 <151> PRIOR FILING DATE: 1993-01-08
50 <150> PRIOR APPLICATION NUMBER: US 08/484,893
51 <151> PRIOR FILING DATE: 1995-06-07
53 <160> NUMBER OF SEQ ID NOS: 272
55 <170> SOFTWARE: PatentIn version 3.1
57 <210> SEQ ID NO: 1
58 <211> LENGTH: 5
59 <212> TYPE: PRT
60 <213> ORGANISM: Bacteriophage fd
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W--> 32 <150> PRIOR APPLICATION NO: GB 9022845.3

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64  Gln Val Gln Leu Gln
65  1               5
68  <210> SEQ ID NO: 2
69  <211> LENGTH: 5
70  <212> TYPE: PRT
71  <213> ORGANISM: Bacteriophage fd
73  <400> SEQUENCE: 2
75  Val Thr Val Ser Ser
76  1               5
79  <210> SEQ ID NO: 3
80  <211> LENGTH: 5
81  <212> TYPE: PRT
82  <213> ORGANISM: Bacteriophage fd
84  <400> SEQUENCE: 3
86  Leu Glu Ile Lys Arg
87  1               5
90  <210> SEQ ID NO: 4
91  <211> LENGTH: 75
92  <212> TYPE: DNA
93  <213> ORGANISM: Artificial Sequence
95  <220> FEATURE:
96  <223> OTHER INFORMATION: oligonucleotide for mutagensis
98  <400> SEQUENCE: 4
99  actttcaaca gtttctgcgg ccgcccgttt gatctcgagc tcctgcagtt ggacctgtgc      60
101 actgtgagaa tagaa                                                       75
104 <210> SEQ ID NO: 5
105 <211> LENGTH: 22
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: PCR primer
112 <400> SEQUENCE: 5
113 aggtgcagct gcaggagtca gg                                               22
116 <210> SEQ ID NO: 6
117 <211> LENGTH: 34
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: PCR primer
124 <400> SEQUENCE: 6
125 ggtgacctcg agtgaagatt tgggctcaac tttc                                  34
128 <210> SEQ ID NO: 7
129 <211> LENGTH: 27
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial Sequence
133 <220> FEATURE:
134 <223> OTHER INFORMATION: PCR primer
136 <400> SEQUENCE: 7
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Input Set : A:\50020075_1.RTF
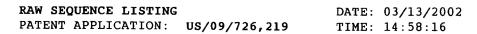Output Set: N:\CRF3\03132002\I726219.raw

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141 <211> LENGTH: 24
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: oligonucleotide probe distinguishing between pAb D1.3 and
pAB NQ1
147         1
149 <400> SEQUENCE: 8
150 gtagtcaagc ctataatctc tctc                                          24
153 <210> SEQ ID NO: 9
154 <211> LENGTH: 51
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: PCR primer
161 <400> SEQUENCE: 9
162 tattctcaca gtgcacaaac tgttgaacgg acaccagaaa tgcctgttct g             51
165 <210> SEQ ID NO: 10
166 <211> LENGTH: 39
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: PCR primer
173 <400> SEQUENCE: 10
174 acatgtacat gcggccgctt tcagccccag agcggcttt                          39
177 <210> SEQ ID NO: 11
178 <211> LENGTH: 33
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: PCR primer
185 <400> SEQUENCE: 11
186 tttaatgagg atccacaggt gcagctgcaa gag                                33
189 <210> SEQ ID NO: 12
190 <211> LENGTH: 30
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: PCR primer
197 <400> SEQUENCE: 12
198 aacgaatgga tcccgtttga tctcaagctt                                    30
201 <210> SEQ ID NO: 13
202 <211> LENGTH: 24
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: oligonucleotide for mutagensis - removal of a BamH1 site
209 <400> SEQUENCE: 13
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Input Set : A:\50020075_1.RTF
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210 caaacgaatg ggtcctcctc atta                                    24
213 <210> SEQ ID NO: 14
214 <211> LENGTH: 26
215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: oligonucleotide for mutagensis - introduction of a BamH1
site
221 <400> SEQUENCE: 14
222 ccrccaccct cggatccrcc accctc                                  26
225 <210> SEQ ID NO: 15
226 <211> LENGTH: 15
227 <212> TYPE: PRT
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: linker between VH and VLK
233 <400> SEQUENCE: 15
235 Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
236 1               5                   10                  15
239 <210> SEQ ID NO: 16
240 <211> LENGTH: 23
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: primer for reverse transcription
247 <400> SEQUENCE: 16
248 ctggacaggg atccagagtt cca                                     23
251 <210> SEQ ID NO: 17
252 <211> LENGTH: 23
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: primer for reverse transcription
259 <400> SEQUENCE: 17
260 ctggacaggg ctccatagtt cca                                     23
263 <210> SEQ ID NO: 18
264 <211> LENGTH: 32
265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: PCR primer
271 <400> SEQUENCE: 18
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275 <210> SEQ ID NO: 19
276 <211> LENGTH: 22
277 <212> TYPE: DNA
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: PCR primer
283 <400> SEQUENCE: 19
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Input Set : A:\50020075_1.RTF
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287 <210> SEQ ID NO: 20
288 <211> LENGTH: 24
289 <212> TYPE: DNA
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: PCR primer
295 <400> SEQUENCE: 20
296 ccgtttgatt tccagcttgg tgcc                                       24
299 <210> SEQ ID NO: 21
300 <211> LENGTH: 24
301 <212> TYPE: DNA
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: PCR primer
307 <400> SEQUENCE: 21
308 ccgttttatt tccagcttgg tccc                                       24
311 <210> SEQ ID NO: 22
312 <211> LENGTH: 24
313 <212> TYPE: DNA
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: PCR primer
319 <400> SEQUENCE: 22
320 ccgttttatt tccaactttg tccc                                       24
323 <210> SEQ ID NO: 23
324 <211> LENGTH: 24
325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: PCR primer
331 <400> SEQUENCE: 23
332 ccgtttcagc tccagcttgg tccc                                       24
335 <210> SEQ ID NO: 24
336 <211> LENGTH: 24
337 <212> TYPE: DNA
338 <213> ORGANISM: Artificial Sequence
340 <220> FEATURE:
341 <223> OTHER INFORMATION: PCR primer
343 <400> SEQUENCE: 24
344 gacattgagc tcacccagtc tcca                                       24
347 <210> SEQ ID NO: 25
348 <211> LENGTH: 24
349 <212> TYPE: DNA
350 <213> ORGANISM: Artificial Sequence
352 <220> FEATURE:
353 <223> OTHER INFORMATION: PCR primer
355 <400> SEQUENCE: 25
356 tggagactcg gtgagctcaa tgtc                                       24
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Use of n and / or Xaa has been detected in the
Sequence Listing. Review the Sequence Listing
to ensure a corresponding explanation is present
in the <220> to <223> fields of each sequence
using n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/726,219

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Input Set : A:\50020075_1.RTF
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```
L:32   M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER
L:512  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:541  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:995  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:1014 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76
L:1033 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
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